

FORM PTO-1390
(REV. 12-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

4937/PCT

U.S. APPLICATION NO. (If known, see 37 CFR 1.5
not known to be assigned
10/575695

INTERNATIONAL APPLICATION NO.
PCT/DE2004/002175

INTERNATIONAL FILING DATE
30.Sept.2004 (30.09.2004)

PRIORITY DATE CLAIMED
18.Oktober 2003 (18.10.2003)

TITLE OF INVENTION Composite Material, Method for the Production of a Composite Material and the Utilization Thereof

APPLICANT(S) FOR DO/EO/US

Joachim BAMBERG, Falko HEUTLING, Josef MAYR, Klaus-Dieter TARTSCH

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto, along with a Translator's Declaration. The Translation is accurate.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (copy - 3 pages).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449, Engl. Version of Intern. Search Report.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☒ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ Other items or information:
 - a) a return receipt postcard;
 - b) Form PTO-2038 to cover the filing fee & fee for Assignment Recordal;
 - c) 8 Figs. on 3 sheets of formal drawings.

Note: The priority of German Patent Application 103 48 506.6, filed in the Fed. Rep. of Germany on October 18, 2003 is claimed in the present Application under 35 U.S.C. §119.

Note: The entire disclosure of PCT International Application PCT/DE2004/002175 is incorporated herein by reference.

Note: This Application has been assigned to: MTU AERO ENGINES GMBH, of: Dachauern Str. 665, D-80995 Muenchen, Fed. Rep. of Germany. The Assignment is being submitted herewith.

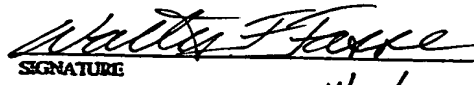
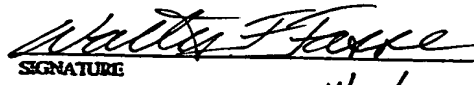
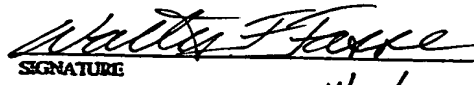
Note: Please print the Assignee data with the Published Application.

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1AP20 Rec'd PCT/PTO 13 APR 2006

U.S. APPLICATION NO. 10/575695 unknown-to be assigned		INTERNATIONAL APPLICATION NO. PCT/DE2004/002175		ATTORNEY'S DOCKET NUMBER 4937/PCT																										
21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1000.00 with Intern. Search Report National Phase filing fee (\$300), Search fee (\$400), Examination fee (\$200) = \$900.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$700.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$700.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$1000.00 ENTER APPROPRIATE BASIC FEE AMOUNT = 900.00				CALCULATIONS PTO USE ONLY																										
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 900.00																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:20%;">RATE</th> <th style="width:20%;">\$</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>14 - 20 =</td> <td>0</td> <td>x \$18.00</td> <td>\$ 0</td> </tr> <tr> <td>Independent claims</td> <td>2 - 3 =</td> <td>0</td> <td>x \$84.00</td> <td>\$ 0</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$280.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS</td> <td>= \$ 900</td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	Total claims	14 - 20 =	0	x \$18.00	\$ 0	Independent claims	2 - 3 =	0	x \$84.00	\$ 0	MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$280.00	TOTAL OF ABOVE CALCULATIONS				= \$ 900	\$ 0	
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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ 0																										
SUBTOTAL =				\$ 900																										
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0																										
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Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 40																										
TOTAL FEES ENCLOSED =				\$ 940.00																										
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a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge <u>any deficiency in or</u> any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-0507</u> . ANY OTHER BANK ACCOUNT OR CREDIT CARD d. <input checked="" type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																														
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.																														
<table style="width:100%;"> <tr> <td style="width:60%;"> The Power of Attorney and the Correspondence Address for this Application are to CUSTOMER NO.: 021553. </td> <td style="width:40%; vertical-align: bottom;"> <div style="text-align: right;">  SIGNATURE Walter F. Fasse - 4/13/06 NAME 36132 REGISTRATION NUMBER </div> </td> </tr> </table>						The Power of Attorney and the Correspondence Address for this Application are to CUSTOMER NO.: 021553.	<div style="text-align: right;">  SIGNATURE Walter F. Fasse - 4/13/06 NAME 36132 REGISTRATION NUMBER </div>																							
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